

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An aqueous polyurethane formulation, comprising from 10 to 60%, by weight, of at least one polyurethane A₁ which is composed of

- a) at least one organic isocyanate having no lateral alkyl groups [monomers I],
 - b) optionally ~~if required~~, at least one organic isocyanate having at least one lateral alkyl group [monomers II],
 - c) at least one dihydric or polyhydric alcohol having a number average molecular weight of from 400 to 6000 [monomers III],
 - d) at least one dihydric or polyhydric alcohol having a number average molecular weight of from 62 to 399 [monomers IV],
 - e) at least one carboxylic acid having at least one hydroxyl group [monomers V],
 - f) optionally ~~no or~~ one or more polyamines having at least two >N-H groups [monomers VI],
 - g) optionally ~~no or~~ one or more ~~compound~~ compounds having at least one alcoholic OH group and at least one >N-H group [monomers VII] and
 - h) optionally ~~no or~~ one or more monohydric polyetheralcohols [monomers VIII],
- with the proviso that the amounts of the incorporated monomers I to VIII are such that the
- (-OH + >N-H)/NCO equivalent ratios for the incorporated
- | | |
|------------------------------|-----------------------|
| monomers III/monomers I + II | are from 0.1 to 0.75, |
| monomers IV/monomers I + II | are from 0.2 to 0.8, |
| monomers V/monomers I + II | are from 0.05 to 0.5, |
| monomers VI/monomers I + II | are from 0 to 0.4, |
| monomers VII/monomers I + II | are from 0 to 0.4, |

monomers VIII/monomers I + II are from 0 to 0.2, and those for the sum of the monomers III to VIII/monomers (I+II) are from 0.80 to 1.25, the total amount of monomers I and monomers II contains from 50 to 100 mol % of monomers I, and from 50 to 2000 mmol of the carboxyl groups of the incorporated monomers V, per kilogram of polyurethane A, are present in anionic form in the aqueous formulation, and the dispersed polyurethane particles have a particle size of from 2-15 μm .

Claim 2 (Currently Amended): The ~~An~~ aqueous polyurethane formulation as claimed in claim 1, wherein the monomer I is selected from the group consisting of hexamethylene diisocyanate (HDI) and 4,4'-diisocyanatodicyclohexylmethane.

Claim 3 (Currently Amended): The ~~An~~ aqueous polyurethane formulation as claimed in claim 1 ~~or~~ 2, wherein the total amount of monomers I and II contains from more than 90, up to, and including, 100 mol % of monomers I.

Claim 4 (Currently Amended): The ~~An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the monomer V is selected from the group consisting of lactic acid, dimethylolpropionic acid, dimethylolbutyric acid, trimethylolacetic acid, hydroxypivalic acid and glucuronic acid.

Claim 5 (Currently Amended): The ~~An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the monomer V is selected from the group consisting of lactic acid and dimethylolpropionic acid.

Claim 6 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the monomer V is dimethylolpropionic acid.

Claim 7 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the monomer VI is selected from the group consisting of ethylenediamine, 1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane and 4,4'-di(aminocyclohexyl)methane.

Claim 8 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the monomer VI is 1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane.

Claim 9 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the >N-H/NCO equivalent ratio for the monomers VI/monomers (I + II) is from 0.02 to 0.4.

Claim 10 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein ammonium NH_4^+ is present as the opposite ion of the carboxyl groups of the incorporated monomers V.

Claim 11 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims~~, wherein the reaction of the monomers, is carried out in the absence of metal organyls.

Claim 12 (Currently Amended): ~~The An~~ aqueous polyurethane formulation as claimed in claim 1 ~~any of the preceding claims, obtained~~ obtainable by reacting the monomers in the presence of a cesium salt.

Claim 13 (Currently Amended): A method of coating a substrate, comprising applying the ~~The use of an~~ aqueous polyurethane formulation as claimed in claim 1, to a substrate, and wherein the substrate is selected from ~~any of the preceding claims for coating one or more~~ textiles, leather, metal, plastic, glass, wood, paper or board.

Claim 14 (Currently Amended): A textile, leather, metal, plastic, glass, wood, paper or board, coated with the an aqueous polyurethane formulation as claimed in claim 1 ~~any of claims 1 to 12.~~

Claim 15 (New): The aqueous polyurethane formulation as claimed in claim 2, wherein the total amount of monomers I and II contains from more than 90, up to, and including, 100 mol % of monomers I.

Claim 16 (New): The aqueous polyurethane formulation as claimed in claim 2, wherein the monomer V is selected from the group consisting of lactic acid, dimethylolpropionic acid, dimethylolbutyric acid, trimethylolacetic acid, hydroxypivalic acid and glucuronic acid.

Claim 17 (New): The aqueous polyurethane formulation as claimed in claim 3, wherein the monomer V is selected from the group consisting of lactic acid,

dimethylolpropionic acid, dimethylolbutyric acid, trimethylolacetic acid, hydroxypivalic acid and glucuronic acid.

Claim 18 (New): The aqueous polyurethane formulation as claimed in claim 2, wherein the monomer VI is selected from the group consisting of ethylenediamine, 1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane and 4,4'-di(aminocyclohexyl)methane.

Claim 19 (New): The aqueous polyurethane formulation as claimed in claim 4, wherein the monomer VI is selected from the group consisting of ethylenediamine, 1-amino-3-aminomethyl-3,5,5-trimethylcyclohexane and 4,4'-di(aminocyclohexyl)methane.

Claim 20 (New): A textile, leather, metal, plastic, glass, wood, paper or board, coated with the aqueous polyurethane formulation as claimed in claim 2.